

Amendments to the Claims

Please amend the listing of claims as follows:

1. (Original) A gas cleaning device comprising a gas inlet, a gas outlet and a path of fluid communication between the gas inlet and gas outlet, a filter in the path of fluid communication and ionising means, which ionising means is at least partly within the filter.
2. (Original) A gas cleaning device according to claim 1, in which the ionising means is partly within and partly outside the filter.
3. (Original) A gas cleaning device according to claim 2, in which the major part of the ionising means is within the filter.
4. (Currently Amended) A gas cleaning device according to claim 2 ~~or claim 3~~, in which the ionizing means is mounted externally of the filter.
5. (Original) A gas cleaning device according to claim 4, in which the ionising means comprises a first end and a second end is mounted at the first end only.
6. (Currently Amended) A gas cleaning device according to ~~any preceding claim 1~~, in which the filter comprises a hollow tube into which the ionising means projects.
7. (Currently Amended) A gas cleaning device according to ~~any preceding claim 1~~, in which the ionising means comprises an electrode.
8. (Original) A gas cleaning device according to claim 7, in which the electrode comprises an elongate filament.
9. (Currently Amended) A gas cleaning device according to ~~any preceding claim 1~~, in which the filter comprises a filter opening the leading edge of which is returned.

10. (Currently Amended) A gas cleaning device according to ~~any preceding claim 1~~, in which the device further comprises an exit tube at least partly in the filter.
11. (Original) A gas cleaning device according to claim 10, in which the entrance to the exit tube comprises an external truncated cone.
12. (Currently Amended) A gas cleaning device according to ~~any preceding claim 1~~, in which the path of fluid communication comprises a first path through the filter and a second path avoiding the filter.
13. (Currently Amended) A gas cleaning device according to claim 12, in which the device further comprises an exit tube at least partly in the filter and having an opening, and in which the second path is through the exit tube opening.
14. (Currently Amended) A gas cleaning device according to ~~any preceding claim 13~~, in which a return hole is provided in the exit tube for the first flow path to join the second flow path.
15. (Original) A gas cleaning device according to claim 15, in which the hole is small relative to the cross-sectional area of the exit tube.
16. (Currently Amended) A gas cleaning device according to ~~any preceding claim 1~~, in which the filter comprises an electrically conductive layer adjacent a filtration layer.
17. (Original) A gas cleaning device according to claim 16, in which the conductive layer is to the interior of the filtration layer.
18. (Currently Amended) A gas cleaning device according to claim 16 ~~or claim 17~~, in which the conductive layer comprises a gas permeable layer.
19. (Currently Amended) A gas cleaning device according to ~~any one of claims 16 to 18~~ claim 16, in which the conductive layer comprises a metallic layer.

20. (Currently Amended) A gas cleaning device according to ~~any one of claims 16 to 19~~ claim 16, in which the conductive layer is connected to a power supply, whereby the conductive layer can be electrically heated.
21. (Currently Amended) A gas cleaning device according to ~~any one of claims 16 to 20~~ claim 16, in which the conductive layer is at least partly coated in a less conductive layer.
22. (Currently Amended) A vehicle comprising a vehicle exhaust with an exhaust gas flow path and a gas cleaning device ~~according to any preceding claim~~ in the exhaust gas flow path, the gas cleaning device including a gas inlet, a gas outlet and a path of fluid communication between the gas inlet and gas outlet, a filter in the path of fluid communication and ionising means, which ionising means is at least partly within the filter.